From qrp-l@lehigh.edu Tue Jun 20 15:41:10 1995
Message-Id: <9505208036.AA803669894@bills.hn.va.nec.com>
From: John Foote <footej@hn.va.nec.com>
Subject: Re: 30 M hopping
Date: Tue, 20 Jun 1995 11:41:10 EDT

Clearly, 30 meters is not as good here in Northern Virginia near Washington, DC as it is farther out west.

Or, my Butternut vertical with 7 radials is not putting out.

The last several nights 30 meters has been extremely noisy from dark to midnight, local time. I hear occasional Europeans and Cubans, but my CQ's have gone unanswered at 4 watts. I have somewhat better luck at 8 watts.

The big problem is few stations heard and gallons of noise.

Any other easterners had some experience with 30 meters at night?

de KR4GL
John Foote

From qrp-l@lehigh.edu Tue Jun 20 18:33:16 1995
Message-Id: <Pine.3.89.9506201155.A17416-0100000@netcom2>
From: Alan Kaul <kaul@netcom.com>
Subject: Re: 30 M hopping
Date: Tue, 20 Jun 1995 14:33:16 EDT

John --- very interesting about East Coast condx. After I worked the 4 stations I reported, I returned to the shack ---- and heard but failed to work a VK, an FO5 (French Polynesia) and a few US of A stations in call areas 7-9-0. Some were loud -- especially the VK -- at 589-599. But to no avail, I kept trying but no one came back. It was the first time I had heard an FO5 on 30M. BTW - yesterday, all 4 stations I worked were running 100 W (to my 1.5-2W) and 3 of the 4 were using R-7 Verticals! GL and 72/73

[<Alan Kaul, W6RCL>] kaul@netcom.com

From qrp-l@lehigh.edu Wed Jun 21 04:38:46 1995
Message-Id: <950621003713_99104485@aol.com>
From: JCoote@aol.com
Subject: 30 M Propagation
Date: Wed, 21 Jun 1995 00:38:46 EDT

I've been reading some of the ongoing 30M prop reports.. so for what it's worth:

On 6-20-95 at 20:00 pacific daylight, I answered a CQ from VE7DXF, Don in Port Alice BC, an island near Vancouver. Don ran 50 watts into a dipole at 35 feet and I used 3 watts, tuner and 120' random wire laying on my roof and in a tree at 15 feet average height. Initially, I was 339 and Don was 459. Later on, around 20:20 the band picked up. I was 569 and Don was 579. Signals were still readable with QSB cycling about every 2 minutes. We went QRT at 20:45. We used 10.1059 kHz and I had the CW filter selected on my IC735; no problems from the commercial QRM. I did notice the noise from the commercial RTTY had increased between 20:00 and 20:45 hours.

Not a DX record, but I'm glad whenever my temporary antenna can be heard -and- when I can hear a signal above the QRN from the powerlines here.

72 dzzt dzzt (a little powerline noise in the signal)
Jay

From qrp-l@lehigh.edu Tue Jun 20 15:46:39 1995
Message-Id: <9505208036.AA803670257@bills.hn.va.nec.com>
From: John Foote <footej@hn.va.nec.com>
Subject: 30m sigs and stranger stuff than on X-files... if you don't.
Date: Tue, 20 Jun 1995 11:46:39 EDT

 Just remember what my Daddy used to say:

 "Just because you're not paranoid, that DOESN'T mean they're NOT out to get you."

 72 de KR4GL

From qrp-l@lehigh.edu Tue Jun 20 21:47:46 1995
Message-Id: <Pine.SUN.3.91.950620174715.10230D-100000@grape.epix.net>
From: rarland@epix.net

Subject: Re: 30m sigs and stranger stuff than on X-files... if you don't.
Date: Tue, 20 Jun 1995 17:47:46 EDT

On Tue, 20 Jun 1995, John Foote wrote:

> Just remember what my Daddy used to say:
>
> "Just because you're not paranoid, that DOESN'T mean they're NOT out
> to get you."
>
> 72 de KR4GL
>
>
And I thought that Mike, WA8MCQ and I were the only ones on here that
used to deal with NSA (In God we trust, everyone else we monitor)!

73 rich

From qrp-l@lehigh.edu Tue Jun 20 21:25:19 1995
Message-Id: <"23951 Tue Jun 20 16:15:16 1995"@bnr.ca>
From: "michael (w.m.) babineau" <babineau@bnr.ca>
Subject: 6m Kits
Date: Tue, 20 Jun 1995 17:25:19 EDT

Howdy :

It occurred to me the other day that 6m might be a fun band to
play on due to the interesting mix of HF/VHF propagation characteristics.

What I'm wondering is does anyone know of any CW or SSB kits for the
6m band. I think I recall that Ramsey has an FM rig. I heard some
reference to Tucker on one of the news groups, but nothing concrete.

Michael
VE3WMB

From qrp-l@lehigh.edu Tue Jun 20 23:24:38 1995
Message-Id: <199506202319.TAA23393@brutus.bright.net>
From: "Bill Kelsey - N8ET - Kanga US" <kanga@brutus.bright.net>
Subject: Re: 6m Kits

Date: Tue, 20 Jun 1995 19:24:38 EDT

Check out my Kanga Catalog at http://qrp.cc.nd.edu/kanga/. Kanga has
a QRP 6m cw xmtr ($32) and a 6 meter converter ($21) using an NE602.

I also handle a 3 watt ssb/cw 6 meter kit from Hands Electronics in
Wales. Total cost of the modules that make up the 50Mhz "RTZ" is
$287.

> Reply-to: babineau@bnr.ca
> From: "michael (w.m.) babineau" <babineau@bnr.ca>
> To: Multiple recipients of list <qrp-l@lehigh.edu>
> Subject: 6m Kits
> Date: Tue, 20 Jun 1995 17:25:16 EDT

> Howdy :
>
> It occurred to me the other day that 6m might be a fun band to
> play on due to the interesting mix of HF/VHF propagation characteristics.
>
> What I'm wondering is does anyone know of any CW or SSB kits for the
> 6m band. I think I recall that Ramsey has an FM rig. I heard some
> reference to Tucker on one of the news groups, but nothing concrete.
>
> Michael
> VE3WMB
>
>
>
73 - Bill Kelsey - N8ET
Kanga US
kanga@bright.net
419-423-4604
HTTP://ncc1701-d.cc.nd.edu/kanga/

From qrp-l@lehigh.edu Wed Jun 21 03:32:44 1995
Message-Id: <9506210330.AA07106@us1rmc.bb.dec.com>
From: Bill Acito 20-Jun-1995 2325 <acito@asdg.enet.dec.com>
Subject: Bosnia Rescue, a first hand account
Date: Tue, 20 Jun 1995 23:32:44 EDT

Got tired of you guys speculating on the rig and whether it was CW or SSB :-). If this was posted before, forgive me; I shut QRP-L down over the weekend while I was out of town.

I've deleted a ton of forwards.

Enjoy,

b

--
Date: 95-06-08 19:32:48 EDT

(8 Jun 95)
To all my Viper buds and other Shit Hot Fighter Gods on the net -

It was a good day at Aviano! As you guys have no doubt heard, we rescued Scott "Zulu" O'Grady today after 6 days of E&Eing in the Bosnian countryside. We had an idea that he was still out there but hadn't had positive radio contact until about 0000Z this morning when Capt T.O. Hanford had some extra gas so he stayed in his CAP a little longer and tried to reach
Zulu on the SAR A (PRC-112) freq from the day of the shoot down.
After about 40 minutes of calls in the blind, T.O. started getting some suspect clicks on the mike. Finally, Zulu came up voice. T.O. didn't have all the info from Zulu's ISOPREP so he came up with
a quick way to verify it was indeed Zulu, although it sounded like Zulu recognized T.O.'s voice and called him by name (although the comm was weak since T.O. (Basher 11) was about 70 miles away). The comm went something like this.

"Basher 52 this is Basher 11"
click
"Basher 52, this is Basher 11, are you up on this freq"
"This is Basher 52"
"Say again, understand this is Basher 52"
"This is Basher 52...I'm alive"
"Say again, Basher 52, you are weak and unreadable, this is Basher 11"
"This is Basher 52!"

pause

"Basher 52, what squadron were you in at Kunsan?"
"Juvats! Juvats! I'm alive!"

"Copy that, you're alive! Basher 52, sit tight and come back up at 15 past the hour"

T.O. then started coordinating with Magic to pass words to the Deny Flight CAOC (command center) that he had positive radio contact with Basher 52. They replied that T.O. should pass the word "manana" to Basher 52. When he did, Zulu replied "I want to get picked up tonight!" (imagine that). So T.O. passed that to the CAOC and the decision was made to press with a rescue. We were 2 hours before sunrise so it would be daylight but there was concern (rightly so) that word would get out to the press and every SA-6 in the AOR would be mobile and spiking us and the rest of the rescue package. So they went ASAP.

T.O. stayed airborne (now at about the 4 hour point in his sortie - one note here: T.O. got high marks for wingman consideration for advising his wingman that it was a good time to take a piss on the way to the tanker! That video clip probably won't make CNN) and the 510 FS Buzzards scrambled our alert guys (I was #2). Unfortunately, Vaughn "Slot" Littlejohn and I had just gone from 60 minute alert to 180 minute alert and I had headed home to get some sleep. The phone rang at about 0255L (after about 10 minutes of sleep) telling me to get in there ASAP. I was back at the SQ in 15 minutes. Before I was even in the door, our ADO, Phil "Psycho" Sever told me we had positive radio contact, get dressed, step, crank, and taxi ASAP - I would meet SLOT in EOR whenever he made it in. We were in the air at about 0400L (1+05 from a dead sleep at home) loaded with 2xGBU-12s, 2 slammers, 2 9Ms, a 131 pod, and 2 tanks (Standard DF SCL). We swapped out with T.O. manning the cap and staying in touch with Zulu every 15 minutes. A SEAD package was getting airborne as T.O. started his RTB. We had a plan with the F-18Ds (Harm shooters (kind of), with NVGs and a WSO), EFs, and EA-6Bs to try to establish contact. But since we already had contact, the F-18s just did a recce run to get a good fix on him and to check the weather.

Meanwhile, Zobe the hero, callsign Rock 42, was hanging on Slot's wing 70 miles away listening to the whole thing, ensuring my tape was on. I can't wait to tell my grandkids about the day I put all my Weapons School training to use - "No shit, kids, there I was - tape on, tape off, tape on, tape off. The pressure was incredible!" Seriously, although I didn't do shit, it was shit hot to listen to the entire mission unfolding. The helos were inbound, authenicating Zulu (they asked him what he was called in high school when he got drunk!) With a good ID they moved in, had Zulu pop some smoke, and picked him up. The whole thing from the authentication to the pick-up was about 10 minutes (seemed like an eternity). To hear comm like, "Basher 52, got you in sight", was pretty moving, especially after thinking for most of the week that Zulu was a mort ("Wilbur" Wright didn't see a chute, no radio contact, etc.) I've
never been choked up in the jet before, but I was this morning.

Unfortunately, they weren't out of danger yet. We hit the tanker

and when we came back up to Magic freq the helos were about 13 miles from feet
wet. Then I heard the escort chopper, c/s Bull, say, "Bud, impacts underneath
you. SAMS IN THE AIR! SAMS IN THE AIR!" FUCK!! Luckily, they missed, although they took some small arms fire and apparently the gunner from Bull silenced that. About 10 minutes later, we heard the call that they were feet
wet, then shortly after that that they had "mother in sight" (the ship), two more bits of comm that I will never forget.

So we got one of our own back. What a day. I wish we could have done more in the rescue but it was almost entirely a Navy and Marine show (we and the mud-eagles were in the cap) and they kicked ass. So don't bad mouth the squids and jarheads too loudly - they put on a good act today and we've got a Viper driver back because of it.

I thought you might enjoy hearing the story straight from the CSAR Commander of VTR Ops! Hope it wasn't too mushy, but after all, I did cry when I watched Old Yeller. That's just the emotional type of guy I am!
Hope all is well with you guys at your various bases. Drop me a line and let me know what's up. Fly safe, check six, and pray for the UN leadership to get a clue and let us blow these bastards back into the stone age!

Zobe

---End of forwarded mail

. - I own my own words -

Bill Acito
acito@asdg.enet.dec.com
|d|i|g|i|t|a|l|
Digital Equipment Corporation
Digital Semiconductor - Fab 6
Hudson, MA

kc1gs
(qrp-ne #260, norcal #1147, arrl life)
40m Band Captain, W1FMR/QRP FD

From qrp-l@lehigh.edu Tue Jun 20 17:29:15 1995
Message-Id: <95Jun20.132756edt.14522-2+11@hooch.CC.Lehigh.EDU>
From: Jim Eshleman <lujce@hooch.CC.Lehigh.EDU>
Subject: CALLS2DIST service
Date: Tue, 20 Jun 1995 13:29:15 EDT

Gang,

 CALLS2DIST now prints the QTH of the second call, to save having to look it up for QSLing, etc. Thanks to Jim Stafford, W4QO, for the suggestion.

/jim

From qrp-l@lehigh.edu Tue Jun 20 21:54:24 1995
Message-Id: <Pine.SUN.3.91.950620174954.10230E-100000@grape.epix.net>
From: rarland@epix.net
Subject: FD '95
Date: Tue, 20 Jun 1995 17:54:24 EDT

Massive change of plans at K7YHA. Could not get a site at either of the two state parks in the area.

SO......have decided to do the 1B Battery event from my side lot. No, I won't be using the tower and beam......not in the spirit of QRP, you know...

The event from here will consist of the NorCal-40, Radio Works Big-Sig monoband 40 meter loop, all battery power (solar, of course) and it will be a MILLIWATT effort (gotta make up for the high performance loop antenna somehow).

The contest is still on: the first I-Net QRPer who tells me my middle name after our FD exchange will get a complete set (all 3 volumes) of the K7YHA QRP library (this offer is not open to Chuck Adams, K5FO, cuz we all know he can't read!).

73 rich

From qrp-l@lehigh.edu Tue Jun 20 12:11:04 1995
Message-Id: <9506201208.AA18549@ig1.att.att.com>
From: mvjf@mvubr.att.com (James M Fitton 508 960 2577)
Subject: Field Day
Date: Tue, 20 Jun 1995 08:11:04 EDT

QRP-NE Field Day is this weekend.
This is one of the funnest events of the year.

It will be held at the Windmill Farm on Mt.
Wachusetts in Princeton Mass. An excellent
location.

Let's get together and carpool.

I understand there have been cancellations this year
due to other comittments, and we could use more precipitation.

Pls let Mark, NX1K know if you are attending and he will
send you an official notice.

72 Jim W1FMR

From qrp-l@lehigh.edu Wed Jun 21 01:45:17 1995
Message-Id: <01HRXZIG70148WZ9UO@nova.wright.edu>
From: NYOUNG@nova.wright.edu
Subject: Field Day
Date: Tue, 20 Jun 1995 21:45:17 EDT

First: I'm gonna run QRP, multi band, single op from my
home qth with the Argosy and my low-lyin' dipoles and
stuff. Nothing moved into the yard, no cats on the roof.
Just plain ol' me at the key all by my lonesome, off and
on over the weekend. What's my exchange supposed to be?

I did Field day years ago once and didn't fare so well.
I didn't get enough precipitation, I guess.

Twoth: If I take the radio into the car and wander off
down the road and tune up one of those 60+ft aluminum
poles that they put roadway interchange lights on and I
run QRP all by my lonesome for a couple hours now and then,
what's my exchange supposed to be?

Threeth: (Really, that's the way it would have been if
the French hadn't come along with "le second." We'd still
be doing it the way the Dutch and Germans do: first, twoth,
threeth... or Norwegians [who we all know have the market
cornered on numbers, since most of the English ones came
from there anyway]: foerst, annen [oops, them Germans did
that. Or maybe the Irish... I'll have to check] tredje...)

Ok. Ok. I'm back. Threeth: If I take the radio into the

house (cause the radio shack is really a converted outhouse)
and hook it up to the wire that I stapled into the attic,
and I run on the power mains and I run 50 watts all by
my lonesome for a couple hours now and then, what's my
exchange supposed to be?

Charlie.... India.... Oscar.... Two..... Charlie...
India... Oscar.... Two.... Charlie.... India.... Oscar
Twoooooo.... look at the flashing lights..... my fingers
are melting in four part harmony..... oooohhh ahhhh.....

73
Nils
WB8IJN &c
(Someone once suggested that the phonetics for my call
should be "Water Bong Eight Insanely Jive Norwegian."
I've been tempted...)

From qrp-l@lehigh.edu Wed Jun 21 02:14:10 1995
Message-Id: <199506210212.TAA23685@mailhost.primenet.com>
From: aa7qy@primenet.com (Roger Hightower)
Subject: Re: Field Day
Date: Tue, 20 Jun 1995 22:14:10 EDT

>First: I'm gonna run QRP, multi band, single op from my
>home qth with the Argosy and my low-lyin' dipoles and
>stuff. What's my exchange supposed to be?
>
If you run power from the mains, you would be 1B...batteries would be
1B-Battery and give you an emergency power bonus. Also, batteries would
give you a 5 mult for each contact.

>
>Twoth: If I take the radio into the car and wander off
>down the road and tune up one of those 60+ft aluminum
>poles that they put roadway interchange lights on and I
>run QRP all by my lonesome for a couple hours now and then,
>what's my exchange supposed to be?
>
Then you become a 1C

>
>Ok. Ok. I'm back. Threeth: If I take the radio into the

>house (cause the radio shack is really a converted outhouse)
>and hook it up to the wire that I stapled into the attic,
>and I run on the power mains and I run 50 watts all by
>my lonesome for a couple hours now and then, what's my
>exchange supposed to be?
>
Now you're a 1B again (mains power) and lose the 5 multiplier.
Use a battery all the way and stay below 5 watts.

If you could run the rig off your metabolism, you might even get the
natural power bonus.

73, de Roger, AA7QY

I love to read your postings after a hard day....good decompression stuff
aa7qy@primenet.com rhigh@aztec.asu.edu Ham Radio: AA7QY@KC7Y.AZ.USA.NA

From qrp-l@lehigh.edu Tue Jun 20 22:04:36 1995
Message-Id: <2a6.31623.500@acenet.com>
From: brian.carling@acenet.com (Brian Carling)
Subject: Re: G5RV <> 30m
Date: Tue, 20 Jun 1995 18:04:36 EDT

From: brian.carling@acenet.com

Rich writes:

RA>Take the G5RV and get rid of the matching stub/coaxial cable mess, feed
RA>the entire thing with 450 ohm ladder line and you can use the bloody
RA>antenna anywhere!
RA>73 rich

Great idea, except that it will not work for me! I have the co-ax buried
for the final 40 feet or so as it approaches my house! Try THAT
with open-wire feeders or twinlead!

73, AF4K
brian.carling@acenet.com

 SLMR 2.1a Doctors, Metaphasic Shielding IS a reality - Rega, oops!!

From qrp-l@lehigh.edu Tue Jun 20 20:25:02 1995
Message-Id: <950620162322_74709206@aol.com>
From: JCoote@aol.com
Subject: G5RVs and Zepps
Date: Tue, 20 Jun 1995 16:25:02 EDT

A little info on these two antenna types:

The G5RV antenna and center-fed or extended double Zepp antenna have a few similarities: Both use balanced (300 ohm or 450 ohm) feedlines and both use specific lengths of radiator and feeder.

The G5RV radiator and feeder length combination provide an impedance close to 50 ohms on some amateur bands. Some G5RVs have the balanced feeder connected directly to a random length of coax which goes to the station. Some G5RVs have a 1:1 balun between the balanced line and coax. Others have a direct connection between the feeder and tuner, which is the best way to go. The G5RV was designed to be a good multiband antenna, rather than a special pattern antenna for one band like the Double Zepp. Some poorly designed "bargain" antenna tuners may not have enough inductance or capacitance to spare for tuning out extreme reactances on other center-fed antenna designs, but may work better with the "tamer" low and medium impedances of the G5RV.
 Fed and used properly, the G5RV is a good allband antenna. If you have the room for an 80 meter flat-top, rip out the coax and feed it with ladder line and a tuner.. and now you'll have an allband antenna. Use G5RV dimensions if you have a cranky tuner.

Center-Fed Zepp antennas have been dimensioned for operation on harmonically related bands, or else a special radiation pattern on a single band. Many of the dimensions in today's designs are reprints from OLD antenna articles of the 1930's and 1940's. Back then, the tube finals were sometimes push-pull and coupled to a medium or high impedance balanced feedline. No coax. The antenna had to be designed to work on harmonically related bands, so antenna-feeder dimensions were more for matching than radiation pattern.
 Coax and low-impedance output came along, then came 15 meters in the late 1940's (A WARC band!). These days we have NINE bands, wideband finals and antenna tuners (AKA transmatches, ATUs, couplers) so scaling multiband antennas for a match to a high-Z tube final is no longer an issue. The only dimensions we need to worry about are those which which work with our tuner on ALL bands, or which give a special radiation pattern on a favorite band... Enter the center-fed Zepp. Zepps may be cut so that each leg is 1/2 wavelength on the primary frequency. In the clear, this will give a figure-8 pattern with a one ot two dB of gain over a dipole. The extended Double Zepp uses .625 to .64 wavelength legs (about 5/8 wavelength per leg).
 It also has a figure-8 pattern with some minor lobes. I think the stated gain for the Double Zepp was 3 dB over a dipole. Zepps, used with a good

tuner, may also be operated on lower and higher frequencies. On lower frequencies, the Zepp will have a similar pattern to a dipole. On higher frequencies, the number of lobes will increase and generally the antenna becomes more directive off the ends as frequency is increased above the point where each leg is .64 wavelength.

In concealed and low profile installations, a pure antenna pattern is debatable because the antenna is close to ground, wiring, etc. The primary concern is just putting out a signal on all bands.

With today's 9-band radios and tuners, it is not so important to conform to ancient texts about harmonically related antenna and feeder lengths unless you are after a special pattern (Zepps) or a special matching condition (G5RVs).

72, Jay
WB6AAM

From qrp-l@lehigh.edu Tue Jun 20 13:03:38 1995
Message-Id: <01HRX76KUY9U0083RL@uthscsa.edu>
From: "Muenzler, Kevin" <MUENZLERK@uthscsa.edu>
Subject: Re: Gas-powered telephone line??
Date: Tue, 20 Jun 1995 09:03:38 EDT

>Subject: Gas-powered telephone line??
>Author: weinfurtner@ouvaxa.cats.ohiou.edu (Greg Weinfurtner) at Internet
>Date: 6/19/95 2:17 PM
>
>
>Hello to all!
> Can anyone help me with a mystery? Are there any telephone tech's
>out here? Coming through town on Saturday, I saw a tank, (looking somewhat

>like an oxygen tank in an acetelyne torch set-up) leaning against a
>telephone pole. I thought it look like the tank was feeding a line going
>up to a box on the pole! The tank was orange, with black on it... I think.

>It had a regulator on it with two gauges just like my torch does.
> Am I losing it? Have I been too close to QRO RF? Popped the tops
>on one too many 807's? Fell off my tower too many times?...OR, is this
>tank used for something? Maybe cooling telephone circuits on a section of
>town where the gossip runs hot? :.) hee hee!
>

```
>*************************************************************************
>*                                              Greg Weinfurtner AEE BSS  *
>*      NN    N   SSSSSSS   8888888   OOOOOOO    Electronic Design Splst   *
>*     N N   N   S         8     8   O     O     Ohio University   Athens  *
>*    N  N  N   SSSSSSS   8888888   O     O      GO BOBCATS!               *
>*   N   N N         S   8     8   O     O                                *
>*  N    NN   SSSSSSS   8888888   OOOOOOO       "When in trouble, When in  *
>*                                               doubt, Run in circles,    *
>*              Amateur Radio                    Scream and shout."        *
>*************************************************************************
```

Hello Greg,
What you saw was a tank of Nitrogen gas that is used to pressurize cable lines. It keeps the moisture out of the lines. Usually the lines are pressurized to about 5 PSI. Nitrogen is used to pressurize many high power RF lines also. I used to work for a local radio station, KTSA, and we used four inch copper tubing with a one inch copper tubing center conductor for our coax (50KW.) It was pressurized to about 5 PSI with nitrogen. I remember that we had to replace the coax because we moved the station transmitter. The chief engineer forgot that he had connected the tank to the coax and it had pressurized to about 30 PSI! We were lucky that we didn't blow one of the connectors off of the end!

73,
Kevin Muenzler, WB5RUE
muenzlerk@uthscsa.edu
"I am Voltohm of Borg! Resistance is E/I, Power is EI, you will be attenuated!"

From qrp-l@lehigh.edu Tue Jun 20 13:59:45 1995
Message-Id: <9505208036.AA803666733@smtpgwy.windata.com>
From: Harry_Chase@smtpgwy.windata.com (Harry Chase)
Subject: Re: Gas-powered telephone line??
Date: Tue, 20 Jun 1995 09:59:45 EDT

no, no; you all have it wrong. The original question asked was on the right track all along. Those tanks do contain pressurized flammable gas, and those trunk lines on the poles have water pumped into them on purpose; As we all know, the telephone system has to be kept running even during a power outage if at all possible, so what they do is light a flame under the lines, from flammable gas in the tank. This heats the water making steam. There is a steam piston which turns a generator at each of the network substations, thus keeping our telephones running...
 (yes, I know it isn't April any more...)

Harry
WA1VVH

From qrp-l@lehigh.edu Tue Jun 20 21:47:28 1995
Message-Id: <Pine.SUN.3.91.950620174357.10230C-100000@grape.epix.net>
From: rarland@epix.net
Subject: Re: Gas-powered telephone line??
Date: Tue, 20 Jun 1995 17:47:28 EDT

On Tue, 20 Jun 1995, Harry Chase wrote:

> This heats the water making steam. There is a steam
> piston which turns a generator at each of the network substations,
> thus keeping our telephones running...
> (yes, I know it isn't April any more...)

And I thought I was warped! Not bad, Harry, not bad at all!

73 rich

From qrp-l@lehigh.edu Tue Jun 20 18:28:21 1995
From: Roger L Traylor <Roger_L_Traylor@ccm.jf.intel.com>
Subject: Have Sierra, will travel
Message-Id: <95Jun20.142825edt.39519-2+2@fidoii.cc.lehigh.edu>
Date: Tue, 20 Jun 1995 14:28:21 EDT

 Gang,

My family and I are taking a 10 week trip across (and back I hope!) the US. We will be traveling from OR to CA, NV, AZ, UT, TX, AR, TN (the ol' home place), then up the east coast to Boston, up to Canada, then back to OR via the northern route.

I will be taking the Sierra and dipoles for 40, 30, and 20M. I will usually be operating around 7040 and 10.106. Perhaps I can spice up the 30m propagation test with a moving target. I will set up station whenever we layover a day or two.

So keep your ears open for me! I'll be pulling the plug on the net for now and will have a lot of fun catchup reading to do when I get back.

On the road again.....,

Roger Traylor
WB4TPW/7,6,5,4,3,2,1,0

From qrp-l@lehigh.edu Tue Jun 20 21:27:42 1995
Message-Id: <199506202125.QAA22677@chuck.dallas.sgi.com>
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: Re: Have Sierra, will travel
Date: Tue, 20 Jun 1995 17:27:42 EDT

Roger, WB4TPW/x where x is everything :-) is now a trial fox for this group. The person who works him the most gets a prize from K5FO. Yet to be determined.

Reports welcomed.

gl
--
Chuck Adams K5FO CP-60 adams@sgi.com

From qrp-l@lehigh.edu Wed Jun 21 04:15:15 1995
Message-Id: <199506210412.VAA00787@bud.indirect.com>
From: nystedt@indirect.com (John Nystedt)
Subject: Re: Have Sierra, will travel
Date: Wed, 21 Jun 1995 00:15:15 EDT

At 02:28 PM 6/20/95 EDT, Roger L Traylor wrote:
> Gang,
>
> My family and I are taking a 10 week trip across (and back I hope!)
> the US. We will be traveling from OR to CA, NV, AZ, UT, TX, AR, TN
> (the ol' home place), then up the east coast to Boston, up to Canada,
> then back to OR via the northern route.

Sounds Like a great trip. If you get to Phoenix give me a shout, I will buy
the drinks ... you will need one(multiple) by then. Will keep an ear open
for you!
de John KC7AKW
(602) 861-3500 work
(602) 998-2190 home

From qrp-l@lehigh.edu Tue Jun 20 22:19:48 1995
Message-Id: <9506202215.AA20313@n2kty.austin.ibm.com>
From: sehneg@austin.ibm.com (Sehne)
Subject: Help needed for VFO range on HW-9
Date: Tue, 20 Jun 1995 18:19:48 EDT

 I've come across a fairly nice HW-9 recently, but have been having trouble
 getting the VFO calibrated. Seems I can't bring the range in. I can get
 the frequency correct on one end, but it's always off at the other end.
 I follow the procedure to walk L118 and the C1 trimmer, but stopped when
 the trimmer screw was so loose it was about to fall out. I trimmed the coax
 that goes from the oscillator board to the right size but still can't
 get the VFO freq. high enough (supposed to be 5.9993Mhz) Am currently
 monkeying around with a series cap to act as a padder & reduce the overall
 capacitance, but it's hit & miss.

 Has anyone else seen that? and what is the cure? (I almost earned a pink
 ticket by being out of my sub-band & am bent on getting the scale accurate..

 Is it time to squeeze the plates? Advice? Someone must've been there,done
 that....Thanks (Gary, N2KTY)

gary

From qrp-l@lehigh.edu Tue Jun 20 15:22:03 1995
Message-Id: <9506201542.AA28280@asp.vet.purdue.edu>
From: bfinch@asp.vet.purdue.edu (Robert Finch)
Subject: hey mark it's nitrogen
Date: Tue, 20 Jun 1995 11:22:03 EDT

in case NO ONE else has told u, it's a gas tank

for pressurizing the line to keep out moisture....

like rifle scopes........

ineeded to tell u this, just on case NO ONE else

has......

(does anybody really bother to read the mail, B4

they spew forth here?)

by the way mark, it is nitrogen in that tank,

for pressurizing the lines to keep them dry.....

and in case u didn't get it the first 30 times

........the tank contains...

(anonoymous)

From qrp-l@lehigh.edu Tue Jun 20 15:59:40 1995
Message-Id: <Pine.A32.3.91.950620094409.74886A-100000@paris>
From: "Timothy J. Pettibone" <tpettibo@NMSU.Edu>
Subject: It came! It came!
Date: Tue, 20 Jun 1995 11:59:40 EDT

Finally, the QRP+ arrived. It was waiting for me yesterday after work. I contained my enthusiam, went thru the rest of the mail. Helped my recovering from surgery spouse prepare dinner. Watched the national and local news (the yf couldn't believe I hadn't ripped open the box!) Then, I ripped open the box. Wow! What a pretty little rig! I'm in love.

Hooked up power, coax to my tuner to my screwy zepp antenna, paddle, and tuned in the NM Road Runner traffic net. Don't have the mic yet, so checked in using the TS140S (at 5 watts of course!). Then tuned around on 20, 30, and 40 meters. Took awhile but worked a W6 on 30, then a K6 in Idaho, a AB7 in Washington, a N0 in Colorado, all on 30m. 20m was falling apart so went listened for awhile longer, couldn't hear much and over to 30 and worked another W6 and then heard T20XC. Called him once and got a QRZ. Called him again and got "AB5OU/QRP 599 TU BK" 599 sure! He was almost in my noise level. So much so that I thought his call was T30XC. 30 crapped out and went to 40m. Heard T20XC calling QRZ. Gave him a call and he came right back. Wow! Tuned around some more and worked a few more. All of this from around 0300 to 0530. Worked the T20XC at 0448 and 0510.

I'm impressed. The audio filter at 100 hz is wonderful in knocking down noise. Pulled stuff right out of the junk. The keyer works fine but sure hate that 5 wpm increment stuff. 20 wpm is too low and 25 too fast. Oh well, can't have everything. It certainly was worth the wait. Now, if I can just get motivated to improve the condo antenna farm!

73/72

Tim AB5OU
New Mexico

From qrp-l@lehigh.edu Wed Jun 21 03:26:27 1995
Message-Id: <9506210324.AA12806@puma.scintl.com>
From: Mike White <mpw@chensys.com>
Subject: Re: It came! It came!
Date: Tue, 20 Jun 1995 23:26:27 EDT

At 11:59 AM 6/20/95 EDT, you wrote:
>Finally, the QRP+ arrived. It was waiting for me yesterday after work.
>I contained my enthusiam, went thru the rest of the mail.

I called Index Labs about my rig (I ordered late April.) And they are
working on first week of April's orders.

Sigh. No Field Day in the rough. Going to have to pack my car into my
backpack for this one.
--
Mike White Chen Systems Corporation
Amateur voice:715/833-7860
 Radio fax :715/833-7096
 N9UXC

From qrp-l@lehigh.edu Tue Jun 20 21:56:14 1995
Message-Id: <Pine.SUN.3.91.950620175413.10230F-100000@grape.epix.net>
From: rarland@epix.net
Subject: July CQ Magazine
Date: Tue, 20 Jun 1995 17:56:14 EDT

The July issue of CQ is out and so is QRP Part Deux, featuring many
pictures of otherwise (in)famous low power communicators. Buy an extra
copy, send letters to the editor saying that CQ needs to have a monthly
QRP column (and I should write it) and all that stuff.

Enjoy!
73 rich

From qrp-l@lehigh.edu Tue Jun 20 23:03:34 1995
Message-Id: <199506202301.QAA26003@interval.interval.com>
From: burdick@interval.com (Wayne Burdick)
Subject: Re: keyer mode
Date: Tue, 20 Jun 1995 19:03:34 EDT

Arjen,

Thanks for the note. I agree with you: I like mode A better, too. Since
my original posting I've decided to make the WRA-1 work in either mode A or

B.

I posted part of your message to the qrp mailing list to see if anyone out there can offer us an explanation of why more people like mode B, with its seemingly extraneous trailing dot or dash on release.

73,
Wayne

>In A mode I can also at high speeds send an A correctly by squeezing
>while leading with the dot paddle. Closing the dash paddle and not yet
>releasing it during the dot, but only after the dash has already
>started will not in A mode inadvertantly elicit an extra dot after the
>dash is finished. Also, closing the dash paddle will actually prevent
>extraneous dots from being sent before the dash. I find this
>advanteageous at high speeds.
>
>In B mode, I cannot, at higher speeds, squeeze the A, but have to
>'slap' the dot and the dash. This easily results in U's instead of
>A's.
>
>In the Curtis App Note no preference seems to be expressed, but the
>problem of having a smaller time slot for the release of the paddles
>in certain cases in B mode as compared to A mode is clearly pointed
>out.
>
>Do you perhaps have a clue why it is that B mode seems to be the
>preferred mode over A mode? How do people cope with the timing
>problems that the Curtis App Notes mentions?
>
>
>P.S. If you don't know the answer, but know somebody who may have an
>explanation, then please pass this message on to that person, if you
>can.
>
>Arjen Raateland
>Vesi- ja Ymp=E4rist=F6hallitus / VET

From qrp-l@lehigh.edu Wed Jun 21 02:06:35 1995
Message-Id: <Pine.SUN.3.90.950620190425.434A-100000@nimbus>
From: Monte Stark <ku7y@sage.dri.edu>

Subject: Re: keyer mode
Date: Tue, 20 Jun 1995 22:06:35 EDT

Hi Wayne,

I may have told you wrong on the keyer mode. I just looked
and I have pin #8 going to ground. That should be mode "A".

Before I think I said that I left it open. Don't know what
that would do.

cul,

73, Ron, dah, dah (I'm three times slower than Chuck)

.........KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.............Sun Valley, Nevada....
.........ARRL.......NorCal #330.......NRA LIFE.........

From qrp-l@lehigh.edu Tue Jun 20 13:43:11 1995
Message-Id: <Pine.SUN.3.91.950620063231.15024A-100000@crl12.crl.com>
From: H Smith <hbs@crl.com>
Subject: My 40A works!
Date: Tue, 20 Jun 1995 09:43:11 EDT

Last week I finished my Norcal 40A. It worked right off, no problems, 2
watts out.

That was on Wed night. We left for vacation last Thurs so I didnt get to
really use it until last night and this morning.

It was nice to chat with Chuck, W5UXH (I think) of Soccorro NM, an ineter.

Of course, I had to try the little 40A IN THE CAR this morning going
to work.

Works fine from the mobile! Theres a little ignition noise but I managed
to work two other cw mobiles. Neither were qrp, but it was still fun
working mobile to mobile with the 40A. One was an old friend, K1EPC,
Larry, in Indy.

Now the question.

Will the simple noise blanker that is described in June QRPp work with

ignition noise?

CUL,

Smitty, NA5K

Henry Smith (hbs@crl.com)

From qrp-l@lehigh.edu Tue Jun 20 17:11:05 1995
Message-Id: <Pine.SUN.3.91.950620100046.8026A-100000@crl10.crl.com>
From: H Smith <hbs@crl.com>
Subject: Need addr/ph for Tejas
Date: Tue, 20 Jun 1995 13:11:05 EDT

Does anybody know the address and phone number for

 Tejas RF Technologies

in Houston.

Thanks,

Smitty, NA5K

Henry Smith (hbs@crl.com)

From qrp-l@lehigh.edu Tue Jun 20 16:15:44 1995
Message-Id: <9506201614.AA27950@rgfn.epcc.Edu>
From: af852@rgfn.epcc.Edu (William R Colbert)
Subject: NORCAL QRPp
Date: Tue, 20 Jun 1995 12:15:44 EDT

Haven't heard anyone say but has the June issue of QRPp been received
by members yet? I realize that El Paso is at the end of the postal
line, but wanted to check and see if they were shipped and if I

should be on the lookout for it. Ray, W5XE/V31XE NORCAL 1110,

From qrp-l@lehigh.edu Tue Jun 20 19:06:03 1995
Message-Id: <Pine.BSI.3.91.950620120407.4737A-100000@usr4.primenet.com>
From: "Mark E. Monninger" <markem@primenet.com>
Subject: Re: NORCAL QRPp
Date: Tue, 20 Jun 1995 15:06:03 EDT

Ray...

I received mine yesterday (Monday). I'm near Phoenix AZ so maybe the
pony express will make it to El Paso today.

It's my first issue and I must say, I'm inpressed. Only problem is, I
doubt that I'll have the time to get to projects I'd like to build. Oh
well...

73.... Mark AA7TA

From qrp-l@lehigh.edu Tue Jun 20 19:12:56 1995
Message-Id: <9506201912.AA12609@rgfn.epcc.Edu>
From: af852@rgfn.epcc.Edu (William R Colbert)
Subject: Re: NORCAL QRPp
Date: Tue, 20 Jun 1995 15:12:56 EDT

Thanks to all that replied about arrival times of QRPp. I have hope.
Ray, W5XE

From qrp-l@lehigh.edu Tue Jun 20 20:22:45 1995
Message-Id: <Pine.SUN.3.91.950620131808.23900D-100000@crl5.crl.com>
From: H Smith <hbs@crl.com>
Subject: North Texas Field Day Site
Date: Tue, 20 Jun 1995 16:22:45 EDT

Attention all North Texas QRPers.

The NORTEX QRP Group is going to be setting up a QRP Field Day site.

The location is at:

 Point North Park in Richardson, TX. on Renner Road.

 If you are comming from the South, go North on Central Expressway (Highway 75) to the Renner exit and go West (Left). Go past the signal light at Custer and the park is on the left approximatly 1/4 to 1/2 mile, just before the railroad underpass.

 Look for the Red Jeep Cherokee with the Bug Catcher.

I plan on getting there around 8 AM Saturday with my Coleman stove, frying pan, bacon, and a few eggs. Anybody who wants to join me, bring an egg or two. I will furnish the paper plates and plastic utensils. There will be some coffee brewing.

Later, at the appointed time, we will hoist the wire antennas.

We will be class 1-A, battery, QRP. Our intensions are to have fun.

The Call? Probably NA5K (just like last time).

This will be a good oportunity to meet some local QRPers.

CU thar.

Smitty, NA5K

Henry Smith (hbs@crl.com)

From qrp-l@lehigh.edu Tue Jun 20 14:48:25 1995
Message-Id: <950620104625_98540754@aol.com>
From: JCoote@aol.com
Subject: Re: QRP SSB?
Date: Tue, 20 Jun 1995 10:48:25 EDT

I haven't used voice often, but have made a few QRP SSB contacts. I have also made packet, pactor and gtor contacts at QRP level... So at least we know the digital modes work at QRP.

As far as SSB voice frequencies, maybe someone out here will put out the
listing of QRPcalling freqs.

J.

From qrp-l@lehigh.edu Tue Jun 20 22:04:54 1995
Message-Id: <Pine.OSF.3.91.950620175940.1756B-100000@saturn.acs.oakland.edu>
From: prvalko <prvalko@oakland.edu>
Subject: Re: RUMOR on US Pilot Rescue
Date: Tue, 20 Jun 1995 18:04:54 EDT

On Mon, 19 Jun 1995 rarland@epix.net wrote:

> On Sun, 18 Jun 1995 Byron8LCZ@aol.com wrote:
> > Hey Rich,
> > You missed the most important part, He was running QRP !
> > We should make him an hororary member of the ARCI QRP club.
> > 72, Byron WA8LCZ Detroit
> >
> I agree! Get me his address, we'll send him a QRP Marble and induct him
> into the Wyoming Valley QRP Commandos!

HA! It gets EVEN BETTER!!!

I just learned from a VERY reliable source that the rig was a Ten Tec!!!
I gotta follow up on this!

73 =paul= wb8zjl

collector of Ten Tecs and other fine plastics

From qrp-l@lehigh.edu Wed Jun 21 02:01:15 1995
Message-Id: <199506210200.TAA21313@mailhost.primenet.com>
From: markem@news.primenet.com (Mark Monninger)
Subject: Re: RUMOR on US Pilot Rescue
Date: Tue, 20 Jun 1995 22:01:15 EDT

At 06:04 PM 6/20/95 EDT, prvalko wrote:
>
>HA! It gets EVEN BETTER!!!

>
>I just learned from a VERY reliable source that the rig was a Ten Tec!!!
>
Actually, I believe it was a Motorola.

Mark AA7TA

From qrp-l@lehigh.edu Tue Jun 20 22:15:16 1995
Message-Id: <9506201813.aa20872@FSAC3.PICA.ARMY.MIL>
From: Clark Fishman (FSAC) <cfishman@fsac3.pica.army.mil>
Subject: Ten Tec
Date: Tue, 20 Jun 1995 18:15:16 EDT

Ten Tec does make radios for the rich and Government

From qrp-l@lehigh.edu Wed Jun 21 01:10:42 1995
Message-Id: <199506210108.WAA25159@public.compusult.nf.ca>
From: rgobrick@public.compusult.nf.ca (Robert J. Gobrick)
Subject: The beat goes on...
Date: Tue, 20 Jun 1995 21:10:42 EDT

QRP-L Gang,

Good reading this month and the QRP Beat Goes On..

The ARRL National Contest Journal May/June 1995 has a new QRP Contesting editor - QRP-L's own Howie Cahn WB2CPU. Howie was recruited by Bruce Draper AA5B just recently when Bruce took over the editorship of the NCJ. For those who are even thinking of doing some serious or semi-serious contesting then taking a read of the NCJ is a must. The bimonthly magazine is packed with contesting tips, reviews and editorials. Howie's new column now makes it official - QRP contesting is OK to talk about...even with the QRO crowd. I found this first column quite enticing. Howie points out that QRPers constitutes the most promising pool for finding potential new contesters. He goes on to say "For one thing, QRP operating is largely CW based. Contesters and QRPers are probably the largest definable CW-competent populations left on the planet. For another, QRPers are obviously looking for a challenge." Fascinating. So stay tuned for more contesting articles in the NCJ by WB2CPU. (PS I know Howie is a contester - he kept coaxing me at the Greater Dayton QRP Builidng Contest to finish my Pixie II no matter

what the odds - ie lack of sleep, hung-over, blood shot eyes, burnt fingers etc - signs of a "real" contester...)

My June issue of Worldradio arrived and I immediately turned to the QRP column by another QRP-Ler Richard Fisher KI6SN. Another good column as usual by Richard. PS: When is ARCI going to award Richard the "QRP Writer of the Year" award for his great scribbles in the QRP Quarterly and WorldRadio???

Turning to the next page of Worldradio but what do I find but a delighful article in the Construction section "To build or not to build" by Jim Kornacki KS4DU. Jim wrote a neat article on his first building experience - the Dave Benson NN1G SWL-30 QRP rig. Good reading and we do need to recruit Jim to get on the QRP-L list and join us - anyone know of his whereabouts?

And finally to top the your month of qrp reading off the July 1995 issue of QST seems to have it's New Ham Companion section dominated by QRP-Lers. This month Bruce Muscolino W6TOY/3 has "real" QRP type article on A Practical Stealth Antenna - you have to "see" this article to believe it. Bruce joins another QRP-Ler Dennis Blanchard K1YPP on building a J-pole antenna.

These talented QRP-Lers are showing up everywhere - is the "revolution" reaching critical mass? The beat goes on...

73/72 Bob VO1DRB/WA6ERB

Bob Gobrick - VO1DRB/WA6ERB/VE2DRB - Newfoundland, Canada
QRPer Galore - ARCI, GQRP, NORCAL, NEQRP, COQRP, MIQRP, NWQRP

Internet: rgobrick@public.compusult.nf.ca
bgobrick@terra.nlnet.nf.ca

Compuserve: 70466.1405@compuserve.com

From qrp-l@lehigh.edu Tue Jun 20 18:50:13 1995
Message-Id: <199506201848.OAA58553@nss1.CC.Lehigh.EDU>
From: jaevans@cos.titan.com (John A. Evans)
Subject: Upgrade Info from FCC
Date: Tue, 20 Jun 1995 14:50:13 EDT

Greetings,

Pardon the Bandwidth, but I just dug up notice from the UALR Callsign server that my license was indeed upgraded to advanced. However, they (whoever they may be) got my zip code incorrect.

Now, must I contact the FCC, ARRL, or submit a blasted 610? The exam I took was an ARRL VEC exam, so maybe the ARRL messed up in entering the info in the computer, or maybe it took an FCC person to fowl it up.

Any suggestions offline?

72
n3qoo - advanced
jaevans@cos.titan.com

John A. Evans | Chief System Administrator
(719) 528-1800 (ext 164) | Titan Client/Server Technologies
(719) 528-1888 (fax) | 1115 Elkton Dr, Suite 100
email: jaevans@cos.titan.com | Colorado Springs, CO 80907-3535

From qrp-l@lehigh.edu Tue Jun 20 15:51:00 1995
Message-Id: <199506201352.JAA02171@localhost>
From: Rich Mulvey <mulveyr@vivanet.vivanet.com>
Subject: Where, oh where, has my power gone?
Date: Tue, 20 Jun 1995 11:51:00 EDT

It's amazing how much mail piles up when you've been off the QRP-L list for 2 months. :-)

I had a QSO with Jim, W1FMR last night, with the Norcal 40 (Converted to a Norcal 30) I must say, Jim is a very patient guy. :-) Now, I had the NC set for 2W out, but it seemed like Jim was having much more of a problem hearing me than I did him. Eventually, we managed to get the exchange finished. After shutting everything down, I checked the output on my WM-1. Well, I was putting out a whopping 80mw. Now of course, I get to figure out *why* my rig has suddenly decided to go QRPpppp... Of course, maybe I can go for that 1000mi/watt award, now. :-)

- Rich

From qrp-l@lehigh.edu Tue Jun 20 14:53:54 1995
Message-Id: <9506201045.aa17714@vivanet.vivanet.com>
From: Rich Mulvey <mulveyr@vivanet.com>
Subject: Wilderness Radio address
Date: Tue, 20 Jun 1995 10:53:54 EDT

Does anyone have the address/phone # of Wilderness Radio handy?

Thanks!
 - Rich

From qrp-l@lehigh.edu Tue Jun 20 16:34:01 1995
Message-Id: <199506201631.JAA15675@interval.interval.com>
From: burdick@interval.com (Wayne Burdick)
Subject: Wilderness Radio info
Date: Tue, 20 Jun 1995 12:34:01 EDT

Someone asked for Wilderness Radio's address/phone. Here it is:

P.O. Box 734, Los Altos, CA 94023-0734

(415) 494-3806

73,
Wayne
N6KR